

CC-4 - Research and Development into Low/No Carbon Energy Strategies¹⁰

Benefit/Cost of Reducing CO₂e:

This option does not yield immediate GHG reductions, but has potential long-term benefits and emission reductions.

Assessment: High Priority. Bin A. 16 out of 22 votes.

Utah should increase support and funding for R&D for renewable energy, energy efficiency, and other low-carbon energy technologies. We should build on research done at Utah universities and the USTAR program but should not duplicate research already being conducted. The University of Utah has a leading research program in coal technology and low carbon energy from coals.

Colorado is considering promoting climate research and technology development at state universities, and the Oregon state university system was asked to develop strategic and targeted research, development, and demonstration programs for GHG reduction technologies.

California's GHG procurement policy has prompted California-Wyoming research on low carbon coal technologies. This option could include nuclear power.

¹⁰ Research and development options are also addressed in the RCI and energy supply sectors; the focus here would be on GHGs not covered in these other categories.